



*News From*

# JACK DOYLE

## MONROE COUNTY EXECUTIVE

**For Immediate Release**

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### **AIRPORT'S ENERGY-SAVING INITIATIVE NETS \$71,000**

#### ***Doyle Accepts Check From Siemens Building Technologies Inc.***

Monroe County Executive Jack Doyle today accepted a \$71,000 check from Siemens Building Technologies Inc. that represents another payment of county savings in energy usage at the Greater Rochester International Airport (GRIA).

Siemens installed two 750-kilowatt generators at the airport last year, which provide most of the facility's electricity and air-conditioning.

County Executive Doyle and Airport Administrator Terry Slaybaugh accepted the check for the county as a portion of approximately \$800,000 that the county, with Siemens' assistance, sought and continues to receive from the New York State Energy Research and Development Authority (NYSERDA). NYSERDA is a state agency that issues grants to deserving public and private entities for energy efficiency initiatives.

"This new heating and power system gives the airport the cost efficiency and the operational independence so important to meet the current times," said Jack Doyle, Monroe County Executive. "I thank Siemens for their expertise and partnership in this initiative. I also applaud NYSERDA which has not only helped our airport but has assisted more than 180 other industry and business entities in Monroe County with energy efficiency projects."

"We are pleased to deliver another check to Monroe County which validates our joint success in reducing energy costs at the airport.," said Dan Lynch, Siemens' representative for the project.

"I am pleased that NYSERDA could fund this project which will help save thousands for Monroe County. Governor Pataki has stressed the importance of working with municipalities across the state to help lower energy usage and costs," said NYSERDA Acting President Peter R. Smith. "With the growing concern over energy prices, we encourage other counties, cities, and towns to take advantage of NYSERDA's programs."

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Annual energy cost savings provided to the airport by the onsite electric generators is expected to be about \$500,000.

Siemens also presented Doyle and Slaybaugh with a framed collage of photos of the project.

### BACKGROUND

GRIA, NYSERDA and Siemens Building Technologies, Inc. successfully partnered on a \$4.3 million energy efficiency project that includes a state-of-the-art combined heat and power system (CHP). Combined heat and power systems enable commercial and industrial energy users to generate their own electricity while using waste heat from the electric generation equipment for purposes such as space heating, cooling and domestic hot water.

With the new energy improvements, the airport will be able to remain in service during substantial power outages and save thousands in annual energy costs.

The system is expected to yield a reduction of more than six million kilowatt hours per year; enough electricity to power more than 1,000 homes.

The combined heat and power co-generation plant for the airport provides multiple benefits for the airport facility, airport travelers, and county taxpayers. These benefits are realized through reduced energy consumption, cost savings, increased power quality and reliability, environmental improvements and increased stability relating to future energy costs at the airport.

The CHP plant consists of two medium-sized 750-kilowatt engine driven co-generation units that produce electricity and hot water. The hot water is linked to the existing airport heating system and central cooling system. Hot water heat recovered from the co-generation units is used to heat the airport in winter and, through a special mechanism known as an absorption chiller, it also provides air conditioning in the summer. The CHP plant simultaneously produces most of the airport's electricity as well as its hot water, building heat and air conditioning.

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